INDEX

Akamatsu T. *See* Matsushita, Murata & Akamatsu

Ambari, A., Gauthier-Manuel, B. & Guyon, E. Wall effects on a sphere translating at constant velocity, 235–253

Antonia, R. A. *See* Browne, Antonia & Chambers

Arbey, H. & Ffowcs-Williams, J. E. Active cancellation of pure tones in an excited jet, 445–454

Ayyaswamy, P. S. *See* Sundararajan & Ayyaswamy

Barnes, F. H. *See* Barrow, Barnes & Ross

Barrow, J., Barnes, F. H. & Ross, M. A. S. The structure of a turbulent spot in Blasius flow, 319–337

Browne, L. W. B., Antonia, R. A. & Chambers, A. J. The interaction region of a turbulent plane jet, 355–373

Caspar, J. R. *See* Verdon & Caspar

Chambers, A. J. *See* Browne, Antonia & Chambers

Davis, S. H. *See* Schulz, Zebib, Davis & Lee

Demmig, F. *See* Krauss-Varban & Demmig

Fasel, H. *See* Williams, Fasel & Hama

Fernandez de la Mora, J., Halpern, B. L. & Wilson, J. A. Inertial impaction of heavy molecules, 217–233

Ffowcs-Williams, J. E. *See* Arbey & Ffowcs-Williams

Gauthier-Manuel, B. *See* Ambari, Gauthier-Manuel & Guyon

Goldstein, M. E. Sound generation and upstream influence due to instability waves interacting with non-uniform mean flows, 161–177

Guyon, E. *See* Ambari, Gauthier-Manuel & Guyon

Halpern, B. L. *See* Fernandez de la Mora, Halpern & Wilson

Hama, F. R. *See* Williams, Fasel & Hama

Helfrich, K. R., Melville, W. K. & Miles, J. W. On interfacial solitary waves over slowly varying topography, 305–317

Hsu, C.-C. *See* Liakopoulos & Hsu

Johnson, E. R. Starting flow for an obstacle moving transversely in a rapidly rotating fluid, 71–88

Krauss-Varban, D. & Demmig, F. Model calculations of the ionization relaxation and radiative cooling in unsteady krypton and xenon shock waves, 375–383

Leal, L. G. *See* Yang & Leal

Lee, Y. *See* Schulz, Zebib, Davis & Lee

Liakopoulos, A. & Hsu, C.-C. On a class of compressible laminar boundary-layer flows and the solution behaviour near separation, 339–353

Longuet-Higgins, M. S. New integral relations for gravity waves of finite amplitude, 205–215

McNulty, A. J. *See* Nokes, McNulty & Wood

INDEX

Akamatsu T. *See* Matsushita, Murata & Akamatsu

Ambari, A., Gauthier-Manuel, B. & Guyon, E. Wall effects on a sphere translating at constant velocity, 235–253

Antonia, R. A. *See* Browne, Antonia & Chambers

Arbey, H. & Ffowcs-Williams, J. E. Active cancellation of pure tones in an excited jet, 445–454

Ayyaswamy, P. S. *See* Sundararajan & Ayyaswamy

Barnes, F. H. *See* Barrow, Barnes & Ross

Barrow, J., Barnes, F. H. & Ross, M. A. S. The structure of a turbulent spot in Blasius flow, 319–337

Browne, L. W. B., Antonia, R. A. & Chambers, A. J. The interaction region of a turbulent plane jet, 355–373

Caspar, J. R. *See* Verdon & Caspar

Chambers, A. J. *See* Browne, Antonia & Chambers

Davis, S. H. *See* Schulz, Zebib, Davis & Lee

Demmig, F. *See* Krauss-Varban & Demmig

Fasel, H. *See* Williams, Fasel & Hama

Fernandez de la Mora, J., Halpern, B. L. & Wilson, J. A. Inertial impaction of heavy molecules, 217–233

Ffowcs-Williams, J. E. *See* Arbey & Ffowcs-Williams

Gauthier-Manuel, B. *See* Ambari, Gauthier-Manuel & Guyon

Goldstein, M. E. Sound generation and upstream influence due to instability waves interacting with non-uniform mean flows, 161–177

Guyon, E. *See* Ambari, Gauthier-Manuel & Guyon

Halpern, B. L. *See* Fernandez de la Mora, Halpern & Wilson

Hama, F. R. *See* Williams, Fasel & Hama

Helfrich, K. R., Melville, W. K. & Miles, J. W. On interfacial solitary waves over slowly varying topography, 305–317

Hsu, C.-C. *See* Liakopoulos & Hsu

Johnson, E. R. Starting flow for an obstacle moving transversely in a rapidly rotating fluid, 71–88

Krauss-Varban, D. & Demmig, F. Model calculations of the ionization relaxation and radiative cooling in unsteady krypton and xenon shock waves, 375–383

Leal, L. G. *See* Yang & Leal

Lee, Y. *See* Schulz, Zebib, Davis & Lee

Liakopoulos, A. & Hsu, C.-C. On a class of compressible laminar boundary-layer flows and the solution behaviour near separation, 339–353

Longuet-Higgins, M. S. New integral relations for gravity waves of finite amplitude, 205–215

McNulty, A. J. *See* Nokes, McNulty & Wood

Matsushita, M., Murata, S. & Akamatsu, T. Studies on boundary-layer separation in unsteady flows using an integral method, 477–501

Melville, W. K. *See* Helfrich, Melville & Miles

Miles, J. W. Internally resonant surface waves in a circular cylinder, 1–14

Miles, J. W. Resonantly forced surface waves in a circular cylinder, 15–31

Miles, J. W. *See* Helfrich, Melville & Miles

Miranda, G. *See* Power, Miranda & Villamizar

Murata, S. *See* Matsushita, Murata & Akamatsu

Nakagawa, T. & Scott, J. C. Stream meanders on a smooth hydrophobic surface, 89–99

Nakamura, Y. & Ohya, Y. The effects of turbulence on the mean flow past two-dimensional rectangular cylinders, 255–273

Newell, T. A. Characteristics of a double-diffusive interface at high density stability ratios, 385–401

Nokes, R. I., McNulty, A. J. & Wood, I. R. Turbulent dispersion from a steady two-dimensional horizontal source, 147–159

Ohya, Y. *See* Nakamura & Ohya

Pennell, S. A. & Su, C. H. A seventeenth-order series expansion for the solitary wave, 431–443

Power, H., Miranda, G. & Villamizar, V. Integral-equation solution of potential flow past a porous body of arbitrary shape, 59–69

Ross, M. A. S. *See* Barrow, Barnes & Ross

Schulz, W. W., Zebib, A., Davis, S. H. & Lee, Y. Nonlinear stability of Newtonian fibres, 455–475

Scott, J. C. *See* Nakagawa & Scott

Sneyd, A. D. Aerodynamic coefficients and longitudinal stability of sail aerofoils, 127–146

Su, C. H. *See* Pennell & Su

Sundararajan, T. & Ayyaswamy, P. S. Hydrodynamics of heat transfer associated with condensation on a moving drop: solutions for intermediate Reynolds numbers, 33–58

Verdon, J. M. & Caspar, J. R. A linearized unsteady aerodynamic analysis for transonic cascades, 403–429

Villamizar, V. *See* Power, Miranda & Villamizar

Williams, D. R., Fasel, H. & Hama, F. R. Experimental determination of the three-dimensional vorticity field in the boundary-layer transition process, 179–203

Wilson, J. A. *See* Fernandaz de la Mora, Halpern & Wilson

Wood, I. R. *See* Nokes, McNulty & Wood

Yang, S. M. & Leal, L. G. Particle motion in Stokes flow near a plane fluid–fluid interface. Part 2. Linear shear and axisymmetric straining flows, 275–304

Zaleski, S. Cellular patterns with boundary forcing, 101–125

Zebib, A. *See* Schulz, Zebib, Davis & Lee